

Abstract

A method for producing a magnetically excitable core (24) for an electrical machine, by which in a method step (S1), the core (24), having a substantially parallelepiped shape (20) with slots (32) extending parallel on one side, is furnished, into whose slots (32), in a method step (S2), the core winding (40) is inserted by its winding sides (36), and then in a method step (S3), the core (24) together with the core winding (40) is reshaped into a cylindrical ring shape (52) with radially inward-oriented slots (32), is proposed. The method is characterized by a further step, according to which in each case all winding sides (36) that are inserted into each slot (32) are pressed into a slot shape (119) in a tool (44) and reshaped before being inserted into the slot (32).

Furthermore, a stator (150) produced by this method and an electrical machine (140) having this stator (150) are proposed.

(Fig. 6B)